

AakoVit P75

Panthenol

Description

AakoVit P75 is a 75% aqueous solution of pure D-Panthenol stabilized with citric acid. D-Panthenol is the more stable alcohol form of Pantothenic Acid (Vitamin B5). When applied topically D-Panthenol is absorbed by the skin where it is converted into Pantothenic Acid.

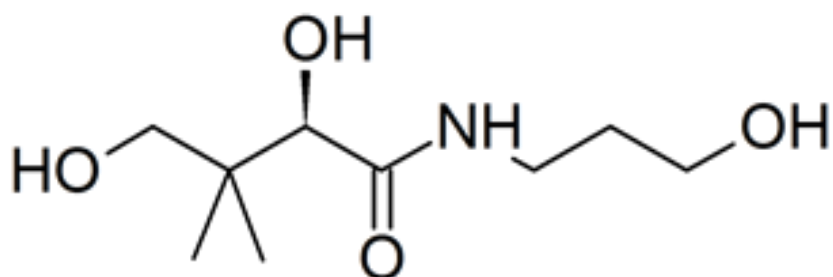
D-Panthenol stimulates wound-healing, is a good moisturizer, has anti-inflammatory and anti-irritation properties. D-Panthenol also has excellent properties for hair care applications for both the hairs and the scalp.

AakoVit P75 is easy to handle and smoothly dissolves in water. Exposure to heat exceeding 70°C-75°C may cause undesired racemization.

D-Panthenol is stable in neutral or less acidic aqueous solution (pH 4-6), less stable in acidic or alkaline aqueous solution due to hydrolytic cleavage.

Typical use level is 0.5- 10 %.

▪ Chemical names	(2R)-2,4-dihydroxy-N-(3-hydroxypropyl)-3,3-dimethylbutanamide
▪ INCI name	Panthenol
▪ CAS number	81-13-0



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Typical properties

Appearance	Clear colorless liquid
Odour	Almost odourless
Assay	75 – 78.5%
pH value	5.5 – 7.0
Specific rotation	+29.0 - +32.0°

Storage:

Stored under dry conditions in tightly closed dry containers, protected from light. Shelf life of at least 2 years under appropriate conditions of storage.